

## 贵州凤仙花属二新种

熊源新

(贵州农学院, 贵阳 550025)

## TWO NEW SPECIES OF *IMPATIENS* FROM GUIZHOU

Xiong Yuan-xin

(Guizhou Agricultural College, Guiyang, China. 550025)

**Key words** *Impatiens*; *I. spathulata*; *I. chishuiensis*

**关键词** 凤仙花属; 匙叶凤仙; 赤水凤仙

### 1 匙叶凤仙 新种 图1

*Impatiens spathulata* Y. X. Xiong, sp. nov.

Species habitu *I. pritzelii* Hook. f. similis, a qua foliis obovatis, oblanceolatis, spathulatis vel oblongis; vexillo elliptico, alis brevioribus, lobis distalibus apice emarginatis; tuberibus carnis subglobosis differt.

Herba annua, 20~45 cm alta, glaberrima, caule succulento, erecto, simplici, striato in sicco, nodis inferioribus incrassatis, radicibus fibrosis numerosis. Folia membranacea, 6~16 cm longa, 2~6 cm lata, alterna, obovata, oblanceolata, spathulata vel oblonga, margine grosse crenata, setulis minutis interjectis, nervis lateralibus 5~9-jugis, arcuatis, utrinque glabra. Racemi in axillis foliorum superiorum solitarii, 2~4-flori; pedunculi 6~10 cm longi, glabri, stricti; pedicelli tenues, 18~30 cm longi, basi unibracteati. Flores 2.5~3.5 cm longi, flavi; sepala 4, 2 exteriora oblique ovata, 6~9 mm longa, 3.5~4.5 mm lata, inaequilatera, apice cuspidata, conspicue nervosa; 2 interiora 10~13 mm longa, 2.5~3 mm lata, oblique lanceolata, apice recurvata; vexillum ellipticum, 10~12 mm longum, 6~8 mm latum, membranaceum, costa dorso anguste carinata; alae 15~20 mm longae, inclusae, sessiles; lobus basalis obovatus, distalis inflexus, subdolabriformis, apice emarginatus, auricula dorsali, magna, inflexa; labellum saccatum, ad 3~3.5 cm longum, basi in calcar breve involutum attenuatum; ore obliquo 1.5~2 cm longo. Filamenta linearia; antherae obtusae. Ovarium fusiforme, 3.5~4.5 mm longum.

**Guizhou (贵州):** Chishui (赤水), alt. 391 m, in vado ad cataractam prope Shizhangdong (十丈洞), 1989-10-21, Y. X. Xiong (熊源新) 890030 (holotypus, PE; isotypus, GACP.)

本种和冷水七 *Impatiens pritzelii* Hook. f. 近似, 不同在于叶倒卵形, 倒披针形, 匙形或长椭圆形; 旗瓣椭圆形; 翼瓣短, 顶端下凹; 块茎肉质, 近球形。

## 2 赤水凤仙 新种 图2

*Impatiens chishuiensis* Y. X. Xiong, sp. nov.

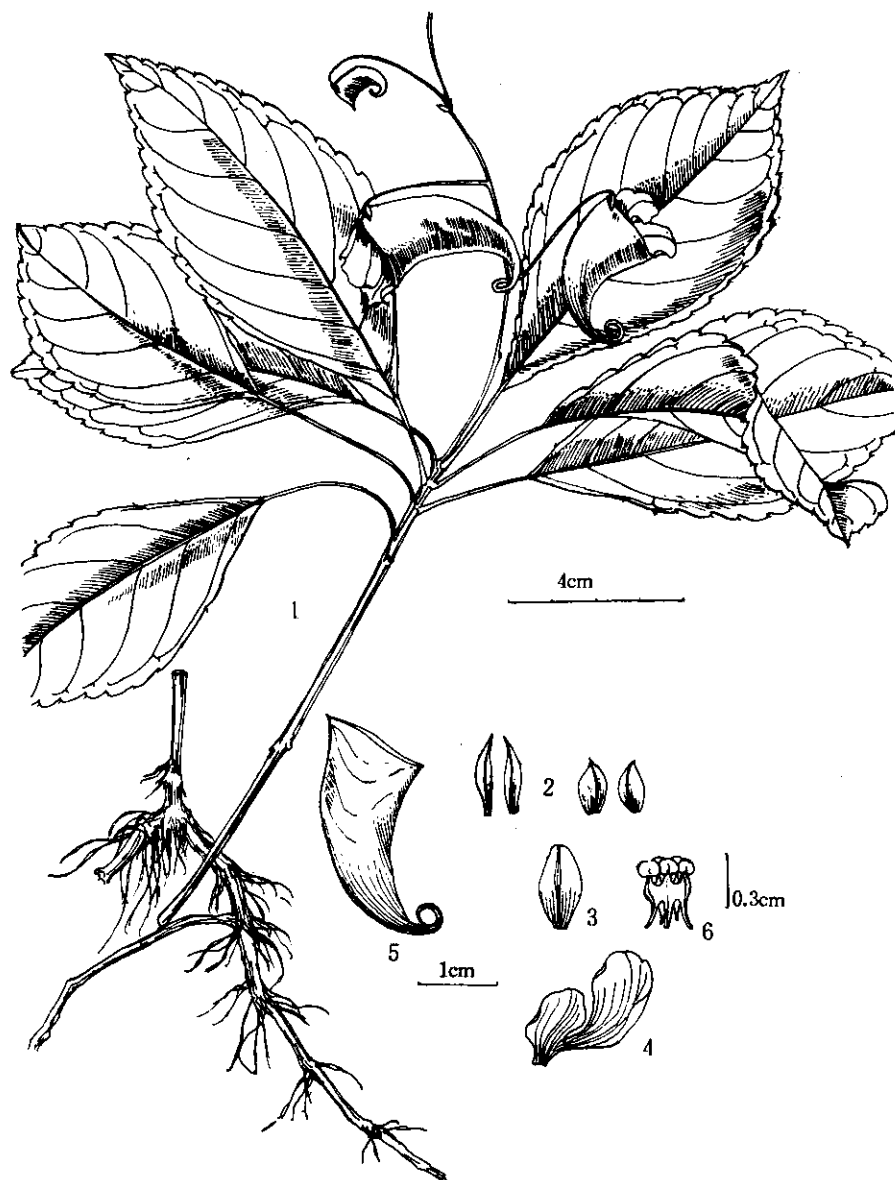


图1 匙叶凤仙 1. 植株; 2. 萼片; 3. 旗瓣; 4. 翼瓣; 5. 唇瓣; 6. 花药。

Fig. 1 *Impatiens spatulata* 1. habit; 2. sepals; 3. standard; 4. wing-petals; 5. lip; 6. anthers.

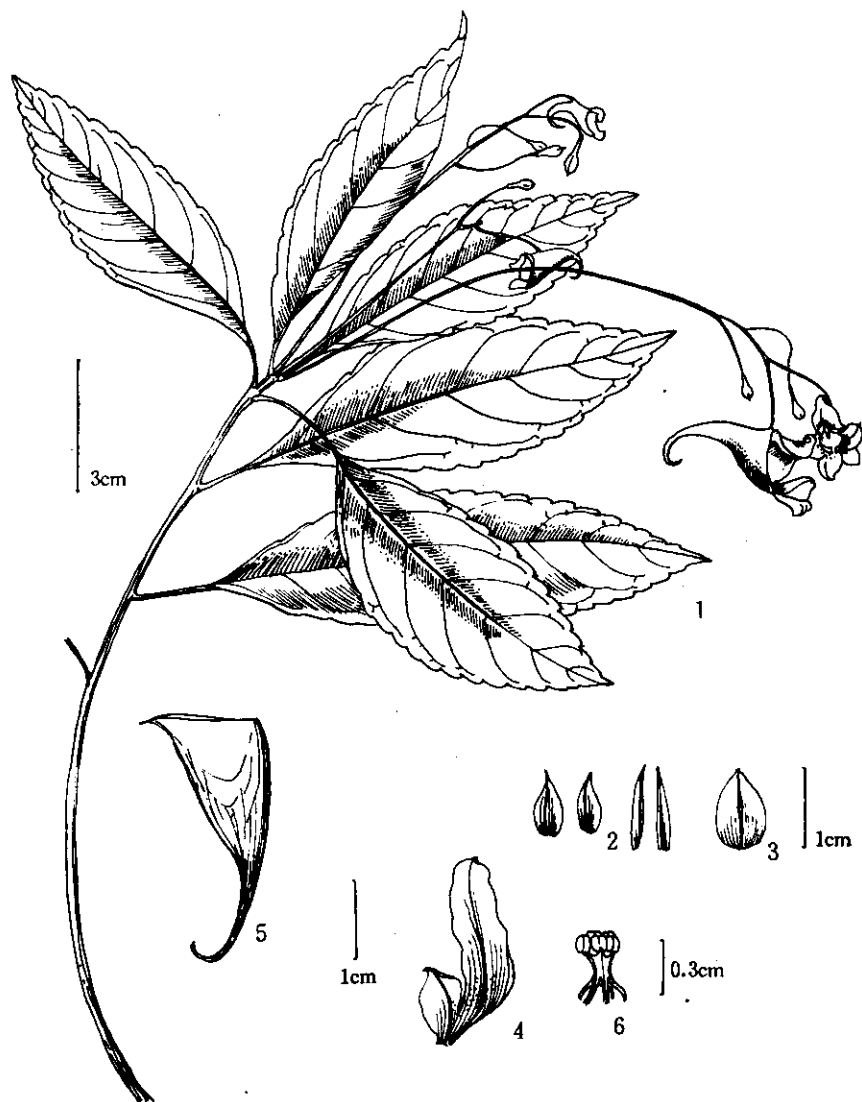


图2 赤水凤仙 1. 植株; 2. 萼片; 3. 旗瓣; 4. 翼瓣; 5. 唇瓣; 6. 花药。

Fig. 2 *Impatiens chishuiensis* 1. habit; 2. sepals; 3. standard; 4. wing-petals; 5. lip; 6. anthers.

Species haec habitu *I. spathulatae* Y. X. Xiong similis, a qua floribus pallideroseis, lobis distalibus alarum oblongis differt.

Herba annua, 30~50 cm alta. Caulis erectus, simplex. Folia alterna, petiolis 5~20 mm longis; lamina ovato-oblonga, glaberrima, 6~11 cm longa, 2.5~3.5 cm lata, apice acuminata, margine grosse crenata, setulis minutis interjectis, nervis lateralibus utrinque 5~7. Racemi in axillis foliorum superiorum solitarii, 2~5-flori; pedunculi 4~11 cm longi, stricti; pedicelli 1~2.5 cm longi, basi unibracteati; flores 2~3.5 cm expansi pallide rosei; sepala 4, 2 exteriora oblique ovata vel ovata, 9~11 mm longa, 4 mm lata, apice cuspidata, conspicue nervosa, 2 interiora lineari-lanceolata, hyalina, 10~11.5 mm longa, apice

recurva; vexillum ellipticum vel ovatum 10 ~ 12 mm longum, 7 ~ 8 mm latum, basi rotundatum, dorso anguste carinatum; alae 25 mm longae, sessiles; lobus basalis oblique ovatus, apice acutus; lobus distalis oblongus, 7 mm latus, apice obtusus; auricula dorsalis parva, sublunata, inflexa, flava; labellum late infundibulare, basi in calcar ad 15 ~ 18 mm longum, incurvum attenuatum; ore horizontali, 20 mm longo, antice acuto. Filamenta linearia; antherae parvae, obtusae. Ovarium erectum. Capsulae clavatae, superne dilatatae, subglobosae, apice rostellatae.

**Guizhou (贵州):** Chishui (赤水), alt. 398 m. in vado ad cataractam prope Shizhang dong (十丈洞), 1989-10-21, Y. X. Xiong (熊源新) 890032 (holotypus, PE. isotypus, GACP.)

本种和匙叶凤仙 *I. spathulatae* Y. X. Xiong 近似, 不同在于: 花粉红色, 翼瓣上裂片长圆形。